Freeform Search

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Term:

L18 not l12

Display: 10 **Documents in Display Format:** KWIC **Starting with Number** 1

Generate: ○ **Hit List** ◉ **Hit Count** ○ **Side by Side** ○ **Image**

[Search] [Clear] [Interrupt]

Search History

DATE: **Thursday, September 27, 2007** **Purge Queries** Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT; PLUR=YES; OP=ADJ			
L19	L18 not l12	9	L19
L18	l1 and L16	11	L18
L17	l1 and l10 and L16	0	L17
L16	teletype or tele-type	2091	L16
L15	'6205339'.pn.	1	L15
L14	'5974116'.pn.	1	L14
L13	'5974116'.pn.	1	L13
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ			
L12	l1 and l7	5	L12
L11	l1 and l7 and L10	1	L11
L10	media (gateway or gate-way) and server	3002	L10
L9	L8 not l5	0	L9
L8	l3 and L7	2	L8
L7	(tty or tty/tdd) with format	95	L7
L6	deaf format	2	L6
L5	l3 and L4	3	L5

L4	l2 with format	35	L4
L3	l1 and L2	89	L3
L2	cellular telephone modem or ctm	13085	L2
L1	mobile switch$3 center or msc	26766	L1

END OF SEARCH HISTORY

" INTERFERENCE "

Refine Search

Search Results -

Terms	Documents
(msc same allow monitoring same ctm device) and (media gateway same receive with call) and (msc server same recognize same call content same ctm format) and (converter same tty/tdd format)	1

Database:

> **US Pre-Grant Publication Full-Text Database**
> US Patents Full-Text Database
> US OCR Full-Text Database
> EPO Abstracts Database
> JPO Abstracts Database
> Derwent World Patents Index
> IBM Technical Disclosure Bulletins

Search: L1

[Refine Search]

[Recall Text ⬍]   [Clear]   [Interrupt]

Search History

DATE: **Thursday, September 27, 2007**   **Purge Queries**   Printable Copy   Create Case

Set Name side by side	Query	Hit Count	Set Name result set
	DB=PGPB; PLUR=YES; OP=ADJ		
L1	(msc same allow monitoring same ctm device) and (media gateway same receive with call) and (msc server same recognize same call content same ctm format) and (converter same tty/tdd format)	1	L1

END OF SEARCH HISTORY

INTERFERENCE Search RESULTS 4

L1: Entry 1 of 1   File: PGPB   Dec 30, 2004

DOCUMENT-IDENTIFIER: US 20040266410 A1
TITLE: Method and apparatus for legal intercept monitoring of a cellular
telephone modem (CTM) device

Summary of Invention Paragraph:
[0008] Referring now to FIG. 3, the bearer path for a CTM, non-monitored
call is illustrated within an exemplary network 100. More particularly,
the network 100 includes a mobile switching center (MSC) 102 having an
MCS server 104 and a packet backbone network 106. The mobile switching
center (MSC) 102 also includes a media gateway 108 which communicates
with a radio access network (RAN) 110 and a public switched telephone
network (PSTN) 112. Notably, the MSC 102 also includes a converter 120
which converts call content in CTM format to call content in TTY/TDD
format in manners that are well known to those in the field. It should be
understood that, like the CCDU 70 of FIG. 2, the converter 120 may reside
in a location remote from the MSC 102. In such a case, communication
paths are preferably established between the MSC 102 and the converter
120 so that appropriate conversion functions may be carried out by the
converter. In operation, for example, for a call originating in the radio
access network 110 that is in CTM format, call content is received by the
media gateway 108 on bearer path portion A and delivered to the converter
120 on bearer path portion B. The format of the call content on portions
A and B is in CTM format. Of course, the converter 120 converts the CTM
formatted call content to TTY/TDD format and delivers the call content on
bearer path portion C back to the media gateway 108. The media gateway
108 then delivers the call content to a destination network such as PSTN
112, via bearer path portion F. Calls originating with the PSTN 112 and
terminating with the RAN 110 can be likewise processed.

Summary of Invention Paragraph:
[0013] In one aspect of the invention, the method monitors a call, that
originates from a cellular telephone modem (CTM) device and terminates in
a destination network, in a system including a converter operative to
convert call content from a CTM format to a Teletype for Telephone
Devices for the Deaf (TTY/TDD) format and a Call Content Delivery Unit
(CCDU). The method comprises receiving a call in a media gateway of a
mobile switching center (MSC), recognizing the call as having call
content in CTM format by the MSC, recognizing the call as being a
monitored call by the MSC, instructing the media gateway by the MSC to
establish a first bearer path to the converter, establishing the first
bearer path, instructing the media gateway by the MSC to establish a
second bearer path from the converter to the CCDU, establishing the
second bearer path; instructing the media gateway by the MSC to establish
a third bearer path from the CCDU to the destination network,
establishing the third bearer path, delivering the call content in CTM
format to the converter on the first bearer path, converting the call
content in CTM format to call content in TTY/TDD format by the converter,
delivering the call content in TTY/TDD format to the CCDU via the second